In the Claims:

Please amend the claims to read as follows:

1. (Currently Amended) A method of routing a call from a circuit switched telecommunications network to a packet switched telecommunications network, wherein the circuit switched telecommunications network is provided with an access to a user register ~~(HLR)~~, comprising the steps of:

sending from a first network element ~~(GMSC)~~ of the circuit switched telecommunications network a first routing information query ~~(SRI1)~~ to an second network element ~~(SLRF)~~, said query including a destination identifier ~~(E.164)~~ of ~~the~~ a called party,

sending a response message ~~(SRI Aek)~~ to the first network element ~~(GMSC)~~, said response message comprising routing information ~~(RSI)~~ to the packet switched telecommunications network,

sending from the first network element ~~(GMSC)~~, according the routing information ~~(RSI)~~, a set-up message ~~(IAM)~~ to the packet switched telecommunications network, said set-up message comprising the destination identifier ~~(E.164)~~ of the called party,

and when the call has been returned from the packet switched telecommunications network back to the circuit switched telecommunications network:

sending from the first network element ~~(GMSC)~~ a second routing information query ~~(SRI2)~~ to the second network element ~~(SLRF)~~,

sending in response to the second routing information query ~~(SRI2)~~ a query message to the user register.

2. (Currently Amended) The method as in claim 1, wherein the second element is an element performing subscriber locator routing function ~~(SLRF)~~.

3. (Currently Amended) The method as in claim 1, further comprising the step of: including to the second routing information query ~~(SRI2)~~ the destination identifier ~~(E.164)~~ of the called party.

4. (Currently Amended) The method as in claim 1, further comprising the step of: including to

the second routing information query ~~(SRI2)~~ a second identifier in order to differentiate the first information query message ~~(SRI1)~~ and the second information query message ~~(SRI2)~~.

5. (Original) The method as in claim 4, further comprising the step of: including in the packet switched network side the second identifier to the message returning the call from the packet switched network to the circuit switched network.

6. (Previously Presented) The method as in claim 1, further comprising the step of: forming the query message to the user register as a standard query message according to circuit switched telecommunications network.

7. (Original) The method as in claim 1, further comprising the step of: including into said query message the first identifier of the called party.

8. (Original) The method as in claim 1, further comprising the step of: returning the call from packet switched network to a different first network element than the one sending the set up message to the packet switched network.

9. (Original) The method as in claim 1, further comprising the step of: sending from the user register to the first network element routing information for routing the call to the called party.

10. (Original) The method as in claim 1, wherein the destination identifier is an E.164 number.

11. (Original) The method as in claim 1, wherein the first network element is a gateway mobile switching center of a mobile telecommunications network.

12. (Original) The method as in claim 1, wherein the user register is a home location register of a mobile telecommunications network.

13. (Original) The method as in claim 1, wherein the packet switched telecommunications network is an Internet multimedia subsystem.

14. (Currently Amended) A method for routing a call from a circuit switched telecommunications network to a packet switched telecommunications network, wherein the circuit switched telecommunications network is provided with an access to an user register ~~(HLR)~~, comprising the steps of:

sending from a first network element ~~(GMSC)~~ a first routing information query ~~(SRI1)~~ to a second network element ~~(SLRF)~~, said query including the destination identifier ~~(old E.164)~~ of ~~the~~ a called party,

allocating a new destination identifier ~~(new E.164)~~ to the call,

sending a response message ~~(SRI Ack)~~ to the first network element ~~(GMSC)~~, said response message comprising routing information ~~(RSI)~~ to the packet switched telecommunications network,

sending from the first network element, according the routing information ~~(RSI)~~, a set-up message ~~(IAM)~~ to the packet switched telecommunications network, said set-up message including the new destination identifier ~~(new E.164)~~ of the called party,

and when the call has been returned from the packet switched telecommunications network back to the circuit switched telecommunications network:

sending from the first network element ~~(GMSC)~~ a second routing information query ~~(SRI2)~~ to the second network element ~~(SLRF)~~,

sending in response to the second routing information query ~~(SRI2)~~ a query message to the user register.

15. (Currently Amended) The method as in claim 14, wherein the second element is an element performing subscriber locator routing function ~~(SLRF)~~.

16. (Currently Amended) The method as in claim 14, further comprising the step of: including to the second routing information query ~~(SRI2)~~ the new destination identifier ~~(new E.164)~~ of the called party.

17. (Original) The method as in claim 14, further comprising the step of: forming the query message to the user register as a standard query message according circuit switched telecommunications network.

18. (Currently Amended) The method as in claim 17, further comprising the step of: including into said query message the first identifier of the called party ~~(old E.164)~~.

19. (Original) The method as in claim 14, further comprising the step of: returning the call from packet switched network to a different first network element than the one sending the set up message to the packet switched network.

20. (Original) The method as in claim 14, further comprising the step of: sending from the user register to the first network element routing information for routing the call to the called party.

21. (Original) The method as in claim 14, wherein the destination identifier is an E.164 number.

22. (Original) The method as in claim 14, wherein the first network element is a gateway mobile switching center of a mobile telecommunications network.

23. (Original) The method as in claim 14, wherein the user register is a home location register of a mobile telecommunications network.

24. (Original) The method as in claim 14, wherein the packet switched telecommunications network is an Internet multimedia subsystem.

25. (Currently Amended) A network element ~~(SLRF)~~ for receiving routing information queries from and sending responses to a first network element ~~(GMSC)~~ in a circuit switched

telecommunications network,

said network element ~~(SLRF)~~ having a signaling connection with a user register ~~(HLR)~~ and, said network element comprising:

means for receiving a first routing information query ~~(SRI1)~~ from the first network element ~~(GMSC)~~, said query including a destination identifier ~~(E.164)~~ of a called party,

means for forming and sending a response ~~(SRI Ack)~~ to the first routing information query ~~(SRI1)~~ to the first network element, the response comprising routing information ~~(RSI)~~ to a packet switched telecommunications network,

means for receiving a second routing information query ~~(SRI2)~~ relating to the called party from the first network element ~~(GMSC)~~, and

means for forming a query message for sending to the user register in response to the second routing information query.

26. (Currently Amended) A network element as in claim 25, further comprising:

means for allocating, in response to the first routing inquiry, a new destination identifier ~~(new E.164)~~ and

means for including the new destination identifier ~~(new E.164)~~ to the routing information ~~(RSI)~~ sent to the first network element.

27. (Currently Amended l)A network element as in claim 25, further comprising: means for including the destination identifier ~~(E.164)~~ to the query message sent to the user register.

28. (Currently Amended) A network element ~~(GMSC)~~ for use in a method of routing a call from a circuit switched telecommunications network to a packet switched telecommunications network, wherein the circuit switched telecommunications network is provided with an access to a user register ~~(HLR)~~, the network element comprising:

a transmitter configured to send a first routing information query ~~(SRI1)~~ to an second network element ~~(SLRF)~~, said query including a destination identifier ~~(E.164)~~ of ~~the~~ a called party,

a receiver configured to receive a response message ~~(SRI Ack)~~, said response message

comprising routing information ~~(RSI)~~ to the packet switched telecommunications network,

a transmitter configured to send, according the routing information ~~(RSI)~~, a set-up message ~~(IAM)~~ to the packet switched telecommunications network, said set-up message comprising the destination identifier ~~(E.164)~~ of the called party,

a transmitter configured to send a second routing information query ~~(SRI2)~~ to the second network element ~~(SLRF)~~ in response to the call having been returned from the packet switched telecommunications network back to the circuit switched telecommunications network.

29. (Previously Presented) The network element as in claim 28, wherein the network element is a gateway mobile switching center of a mobile telecommunications network.

30. (Currently Amended) A network element for use in a method for routing a call from a circuit switched telecommunications network to a packet switched telecommunications network, wherein the circuit switched telecommunications network is provided with an access to an user register ~~(HLR)~~, ~~The~~ the network element comprising:

a transmitter configured to send a first routing information query ~~(SRI1)~~ to a second network element ~~(SLRF)~~, said query including the destination identifier ~~(old E.164)~~ of ~~the~~ a called party,

a receiver configured to receive a response message ~~(SRI-Ack)~~, said response message comprising routing information ~~(RSI)~~ to the packet switched telecommunications network and a new destination identifier ~~(new E.164)~~ allocated to the call,

a transmitter configured to send, according the routing information ~~(RSI)~~, a set-up message ~~(IAM)~~ to the packet switched telecommunications network, said set-up message including the new destination identifier ~~(new E.164)~~ of the called party,

a transmitter configured to send a second routing information query ~~(SRI2)~~ to the second network element ~~(SLRF)~~ in response to the call having been returned from the packet switched telecommunications network back to the circuit switched telecommunications network.

31. (Previously Presented) The network element as in claim 30, wherein the network element is a gateway mobile switching center of a mobile telecommunications network.